

APPENDIX D

Film Build Cpk's Cost Impact Analysis

1ST PREMISE

- VARIATION SELECTION**
1) Choose Variability
2) Select First Target Range
3) Average Adjusted to World Class Standard

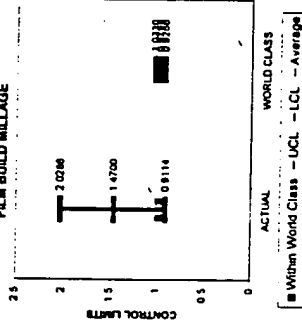
Coating: Taupa Prime
Point: 22
Booth: na

Coating Min. Spec.: 0.9
Actual Average: 1.47
Actual Range: 0.21
Actual Cpk: 1.04
Target Range: 0.02
World Class Cpk: 1.5

Effect on Coating Usage: -33.35%

Approximate Annualized Cost Impact
\$ (1,418.12)

FILM BUILD MILLAGE



3RD PREMISE

- VARIATION REDUCTION**
1) Variability Adjusted to World Class Standard
2) Coating Usage Remains Consistent
3) Average Remains Constant

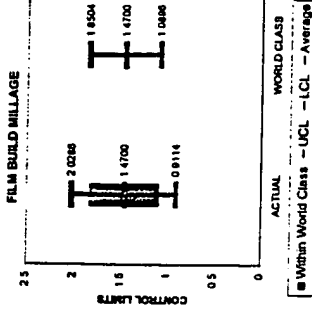
Coating: Taupa Prime
Point: 22
Booth: na

Coating Min. Spec.: 0.9
Actual Average: 1.47
Actual Range: 0.21
Actual Cpk: 1.04
New Range: 0.14
World Class Cpk: 1.5

Effect on Coating Usage: 0.00%

Approximate Annualized Cost Impact
\$ nil

FILM BUILD MILLAGE



2ND PREMISE

- VARIATION SELECTION**
1) Choose Variability
2) Select Second Target Range
3) Average Adjusted to World Class Standard

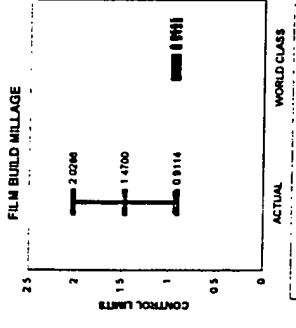
Coating: Taupa Prime
Point: 22
Booth: na

Coating Min. Spec.: 0.9
Actual Average: 1.47
Actual Range: 0.21
Actual Cpk: 1.04
Target Range: 0.01
World Class Cpk: 1.5

Effect on Coating Usage: -39.98%

Approximate Annualized Cost Impact
\$ (1,531.57)

FILM BUILD MILLAGE



4TH PREMISE

- INCREASED MILLAGE**
1) Coating Usage Increases
2) Variability Remains Constant
3) Average Adjusted to World Class Standard

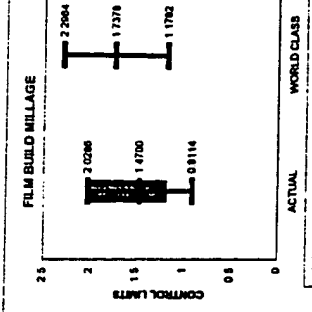
Coating: Taupa Prime
Point: 22
Booth: na

Coating Min. Spec.: 0.9
Actual Average: 1.47
Actual Range: 0.21
Actual Cpk: 1.04
New Average: 1.74
World Class Cpk: 1.5

Effect on Coating Usage: 18.22%

Approximate Annualized Cost Impact
\$ 774.81

FILM BUILD MILLAGE



Coating: Taupa Prime				Cost per Unit Factors:				Annualized Production (units):	
Point: 22				Coating Popularity %:				200,000	
Usage per Unit (gal.): 0.27				Coating Popularity %:				200,000	
Cost per Gallon (\$): 30.00				Point %:				100	
Booth % Flow:				Point %:				100	

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